

**COMPLEXES OF CYCLIC POLYAZA CHELATORS  
WITH CATIONS OF ALKALINE EARTH METALS  
FOR ENHANCED BIOLOGICAL ACTIVITY**

**ABSTRACT OF THE DISCLOSURE**

Cyclic polyaza chelators that possess high affinity and specificity for first transition series metal cations exhibit an unanticipated improvement in biological activity when administered as complexes with cations of the alkaline earth metals, Ca(II) and Mg(II), most notably Ca(II). By virtue of this improvement, these complexes are particularly effective in the treatment of pathological conditions, including ischemia and ischemia-reperfusion injury.

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